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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No.    | 14364US11  |
|   | First Inventor         | Joseph J. Kubler   |
|   | Title                  | HIERARCHICAL DATA<br>COLLECTION NETWORK<br>SUPPORTING PACKETIZED<br>VOICE COMMUNICATIONS<br>AMONG WIRELESS TERMINALS<br>AND TELEPHONES |
|   | Express Mail Label No. | EV 304936033 US  |

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| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
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|--|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>330</u> ]<br><i>(preferred arrangement set forth below)</i><br>-Descriptive title of the invention<br>-Cross Reference to Related Applications<br>-Statement Regarding Fed sponsored R&D<br>-Reference to sequence listing, a table, or a computer<br>program listing appendix<br>-Background of the Invention<br>-Brief Description of the Drawings (if filed)<br>-Detailed Description<br>-Claim(s)<br>-Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>80</u> ]<br>5. Oath or Declaration [Total Sheets <u>12</u> ]<br>a. <input type="checkbox"/> Newly executed (original or copy)<br>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s)<br>named in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b).<br>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i><br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> Paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies<br><b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of<br><i>(when there is an assignee)</i> Attorney<br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations<br>13. <input checked="" type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)<br>(2)(B)(i). Applicant must attach form PTO/SB/35 or<br>its equivalent.<br>17. <input type="checkbox"/> Other: _____ |
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/141,506

Prior application information:

Examiner: D. R. Vincent

Art Unit: 2661

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number: 23446 OR ☐ Correspondence address below

|                   |                      |           |                                   |                   |  |
|-------------------|----------------------|-----------|-----------------------------------|-------------------|--|
| Name              |                      |           |                                   |                   |  |
| Address           |                      |           |                                   |                   |  |
| City              |                      | State     |                                   | Zip Code          |  |
| Country           |                      | Telephone |                                   | Fax               |  |
| Name (Print/type) | Kevin E. Borg        |           | Registration No. (Attorney/Agent) | 51,486            |  |
| Signature         | <i>Kevin E. Borg</i> |           | Date                              | November 12, 2003 |  |

031282 U.S. PTO  
10/706425

111203



16805 U.S. PTO

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|--------------|--------------------------|------------------|
| <b>FEE TRANSMITTAL<br/>for FY 2004</b><br><br>Patent Fees are subject to annual revision. |              | <b>Complete if Known</b> |                  |
|   |              | Application Number       | unassigned       |
|   |              | Filing Date              | herewith         |
|   |              | First Named Inventor     | Joseph J. Kubler |
|   |              | Examiner Name            | unassigned       |
|   |              | Group Art Unit           | unassigned       |
| TOTAL AMOUNT OF PAYMENT   | (\$1,022.00) | Attorney Docket No.      | 14364US11        |

| METHOD OF PAYMENT   |  | FEE CALCULATION (continued)  |  |
|---|--|--|--|
| <b>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</b><br><br>Deposit Account Number: 13-0017<br>Deposit Account Name: McAndrews Held & Malloy<br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  | <b>3. ADDITIONAL FEES</b>  |  |
| <b>2. <input checked="" type="checkbox"/> Payment Enclosed:</b><br><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other   |  |  |  |
| <b>FEE CALCULATION</b>  |  |  |  |
| <b>1. BASIC FILING FEE</b><br>Large Entity Small Entity<br>Fee Fee Fee Fee<br>Code (\$) Code (\$) Fee Description Fee Paid  |  |  |  |
| 1001 770 2001 385 Utility filing Fee 770.00   |  | 1051 130 2051 65 Surcharge - late filing fee or oath                                       |  |
| 1002 340 2002 170 Design filing Fee   |  | 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet                     |  |
| 1003 530 2003 265 Plant filing fee  |  | 1053 130 2053 130 Non-English specification  |  |
| 1004 770 2004 385 Reissue filing fee  |  | 1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination               |  |
| 1005 160 2005 80 Provisional filing fee   |  | 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action                 |  |
| SUBTOTAL (1) (\$770.00)   |  | 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action                |  |
| <b>2. EXTRA CLAIM FEES</b>  |  | 1251 110 2251 55 Extension for reply within first month                                    |  |
| Total Claims 34 - 20** = 14 x 18.00 = 252.00  |  | 1252 420 2252 210 Extension for reply within second month                                  |  |
| Independent Claims 3 - 3** = 0 x 86.00 = 0.00   |  | 1253 950 2253 475 Extension for reply within third month                                   |  |
| Multiple Dependent 290.00 = 0.00  |  | 1254 1,480 2254 740 Extension for reply within fourth month                                |  |
| Large Entity Small Entity<br>Fee Fee Fee Fee<br>Code (\$) Code (\$) Fee Description Fee Paid  |  | 1255 2,010 2255 1,005 Extension for reply within fifth month                               |  |
| 1202 18 2202 9 Claims in excess of 20   |  | 1401 330 2401 165 Notice of Appeal   |  |
| 1201 86 2201 43 Independent claims in excess of 3   |  | 1402 330 2402 165 Filing a brief in support of an appeal                                   |  |
| 1203 290 2203 145 Multiple dependent claim, if not paid   |  | 1403 290 2403 145 Request for oral hearing   |  |
| 1204 86 2204 43 **Reissue independent claims over original patent   |  | 1451 1,510 1451 1510 Petition to institute a public use proceeding                         |  |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  |  | 1452 110 2452 55 Petition to revive - unavoidable  |  |
| SUBTOTAL (2) (\$252.00)   |  | 1453 1,330 2453 665 Petition to revive - unintentional                                     |  |
| **or number previously paid, if greater; For Reissues, see above  |  | 1501 1,330 2501 665 Utility issue fee (or reissue)   |  |
|   |  | 1502 480 2502 240 Design issue fee   |  |
|   |  | 1503 640 2503 320 Plant issue fee  |  |
|   |  | 1460 130 1460 130 Petitions to the Commissioner  |  |
|   |  | 1807 50 1807 50 Processing fee under 37 CFR 1.17(q)  |  |
|   |  | 1806 180 1806 180 Submission of Information Disclosure Stmt                                |  |
|   |  | 8021 40 8021 40 Recording each patent assignment per property (times number of properties) |  |
|   |  | 1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))            |  |
|   |  | 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))           |  |
|   |  | 1801 770 2801 385 Request for Continued Examination (RCE)                                  |  |
|   |  | 1802 900 1802 900 Request for expedited examination of a design application                |  |
|   |  | Other fee (specify) _____  |  |
|   |  | SUBTOTAL (3) (\$0.00)  |  |

|                   |                   |                                      |        |
|-------------------|-------------------|--------------------------------------|--------|
| SUBMITTED BY      |                   | Complete (if applicable)             |        |
| Name (Print/Type) | Kevin E. Borg     | Registration No. (Attorney or Agent) | 51,486 |
| Telephone         | 312-775-8000      | Signature                            |        |
| Date              | November 12, 2003 |                                      |        |

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